CELESTION

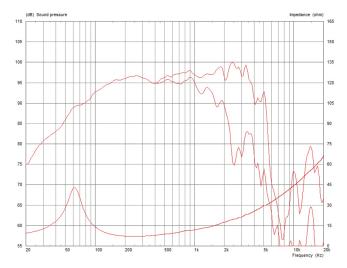
LF Loudspeakers **TF1230S**



Mounting Information

Overall diameter 317.5mm / 12.5in Overall depth 137mm / 5.4in Cut-out diameter 283mm / 11.14in 13x6.5mm / 0.51x0.26in Mounting hole dimensions Number of mounting holes Mounting hole PCD 299mm / 11.77in Unit weight 4.3kg / 9.5lb

Frequency Response and Impedance Curves



Power rating: Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.

Continuous power rating: Defined as 3dB greater than the AES

rating.

Sensitivity: Measured on axis at 1W, 1m in 2 pi anechoic

environment.

Parameters: Measured after unit subjected to pre-conditioning

signal. Xmax: Hvc-Hg/2

12-inch, pressed steel chassis, ferrite magnet bass/mid driver

 Increased chassis diameter for compatibility with popular portable two-way reinforcement systems

600W Continuous power rating 96dB sensitivity

3in

Edgewound clad copper voice aluminium coil

General Specifications

Nominal Diameter 305mm / 12in 300W Power Rating 600W Continuous power rating EIA power rating 450W Rated impedance 8 ohm Sensitivity 96dB Frequency range 50-4000Hz Chassis type Pressed steel Magnet type Ferrite Magnet weight 1.7kg / 60oz 75mm / 3in Voice coil diameter

Voice coil material Edgewound copper clad aluminium

Former material Polyimide Cone material Kevlar loaded paper

Surround material Cloth-sealed Suspension Single Gap height (Hg) 8mm / 0.31in VC winding height (Hvc) 17mm / 0.67in

Sd 530.93cm2 / 82.29in2 Fs 60.30Hz Mms 51.08g / 1.8oz Qms 3.28 0.422 Qes Qts 0.374 Re 5.98 ohm 54.41I / 1.92ft³ Vas 16.56Tm ВΙ 0.14mm/N Cms Rms 5.91kg/s Le (at 1kHz) 0.98mH 4.5mm / 0.18in **Xmax**

Packed Dimensions & Weight

330mm x 330mm x 150mm / x Single pack size W x D x H 13in 13in x 5.9in

Single pack weight 5.5kg / 12.0lb

